

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
6 January 2005 (06.01.2005)

PCT

(10) International Publication Number  
**WO 2005/000193 A2**

(51) International Patent Classification<sup>7</sup>: **A61K**

(21) International Application Number:  
PCT/IL2004/000577

(22) International Filing Date: 29 June 2004 (29.06.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/483,180 30 June 2003 (30.06.2003) US  
60/514,974 29 October 2003 (29.10.2003) US

(71) Applicant (for all designated States except US): **TEL AVIV UNIVERSITY FUTURE TECHNOLOGY DEVELOPMENT L.P.** [IL/IL]; c/o TAU Future Technology Management Ltd., c/o The Tel-Aviv University Economic Corporation Ltd., P.O. Box 39040, 69 978 Tel Aviv (IL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **GAZIT, Ehud** [IL/IL]; 32 Trumpeldor Street, 47264 Ramat Hasharon (IL).

(74) Agent: **G.E. EHRLICH (1995) LTD.**; 11 Menachem Begin Street, 52 521 Ramat Gan (IL).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PEPTIDES ANTIBODIES DIRECTED THEREAGAINST AND METHODS USING SAME FOR DIAGNOSING AND TREATING AMYLOID-ASSOCIATED DISEASES

(57) Abstract: Peptides having at least 2 amino acids and no more than 15 amino acids are provided. The peptides comprise amino acid sequence X-Y or Y-X, wherein X is an aromatic amino acid and Y is any amino acid other than glycine. Also provided are pharmaceutical compositions and kits including such peptides as well as methods using same for diagnosing and treating amyloid associated diseases.

WO 2005/000193 A2